

**From:** [Lisa Kusnierz](#)  
**To:** [CSchmidt2@mt.gov](mailto:CSchmidt2@mt.gov)  
**Subject:** Fw: stormwater  
**Date:** 01/25/2012 12:11 PM  
**Attachments:** [CDF\\_Bozeman.docx](#)

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Hey,

I'm working through my Lower Gallatin emails and thought you might find this interesting if you haven't seen already. There's also a link to a short EPA stormwater publication that might be helpful as far as implementation and suggestions we can make within the document.

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----- Forwarded by Lisa Kusnierz/MO/R8/USEPA/US on 01/25/2012 12:09 PM -----

From: "Makus, Erik" <[EMakus@mt.gov](mailto:EMakus@mt.gov)>  
To: Lisa Kusnierz/MO/R8/USEPA/US@EPA  
Cc: "Schade, Pete" <[PSchade@mt.gov](mailto:PSchade@mt.gov)>  
Date: 03/01/2011 11:46 AM  
Subject: RE: stormwater

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Lisa,

See attached. Note that this CDF (and the one in the EPA doc) are based on cumulative volume, not number of occurrences (like the histogram in my report).

Erik

-----Original Message-----

From: [Kusnierz.Lisa@epamail.epa.gov](mailto:Kusnierz.Lisa@epamail.epa.gov) [<mailto:Kusnierz.Lisa@epamail.epa.gov>]  
Sent: Tuesday, March 01, 2011 11:24 AM  
To: Makus, Erik  
Subject: stormwater

Hi Erik,

I'm reading through the LID/stormwater stuff Pete emailed out before the meeting last week and was wondering if you have done or could do a cumulative distribution plot of precip volume based on rainfall depth (like in the report at the following link:  
<http://www.epa.gov/ne/npdes/stormwater/assets/pdfs/RestoringImpairedWaters.pdf>  
)?

I saw the summary table and histogram in section 6.1 of the report you did but think it might be helpful to have a cumulative distribution plot to show the depth that the majority of storms falls under and put the 0.5 retention requirement for new developments into perspective.

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